

SAW^{37C}

High Performance Secondary Wood Processing Carbon Bandsaw Blade
37% More from Your Saw



Discover how Saw^{37C} conquers all with superior performance, precision, durability and range

- ▶ Superior cutting performance
- ▶ Expansive range of sizes and uses
- ▶ Greater durability than its leading rivals
- ▶ Longer blade life
- ▶ Maximum operating efficiency
- ▶ Dramatically reduced operating costs

DAKIN
FLATHERS

Quality Bandsaw and Bandknife

Saw^{37C} – the cutting edge of carbon steel bandsaw blades

At Dakin-Flathers, we've not achieved the status of the largest carbon bandsaw manufacturer in the world by simply dedicating over 100 years to making blades. No, we've been refining and reinventing them constantly so that they outperform all other bandsaws in the market.

Take Saw^{37C}. It's a collection of some of the most precise and durable bandsaws in the world, designed and manufactured using cutting edge techniques. Produced from superior Western European carbon-rich steel made exclusively for Dakin-Flathers. Using such unique raw steel, enables Saw^{37C} teeth to cut with ruthless precision and to resist 'blade fatigue' for longer than other leading bandsaw blades.

Our quality control methods are equally ruthless, with stringent checks ensuring only absolute perfection making

the grade. Every aspect of each Saw^{37C} blade is under harsh scrutiny. Everything from tooth shape right through to microstructural analysis is inspected in great detail. Giving you the best possible bandsaw blades time after time.

So how does Saw^{37C} stand up to such rigorous testing? By creating every blade using industry leading state-of-the-art machinery.

Dakin-Flathers have invested over £10m in equipment, processes and research and development over the last 15 years. Such huge and continual investment in our 24-hour purpose-built facility means our highly skilled engineers work with technologically advanced manufacturing equipment to bring you the best bandsaw and bandknife blades in the world...Generation³⁷.

Why Saw^{37C} makes other blades look toothless, weak and tired...

Unique Metallurgical Properties for Longer Life

Superior Carbon Steel

Saw^{37C} bandsaw blades are of the very highest quality in terms of manufacture and metallurgy. Each is created from a single precision high carbon steel strip with unique and unparalleled characteristics and metallurgical properties – developed exclusively for Dakin-Flathers.

What difference does using such high-grade carbon steel make to a blade? The answer is a world of difference. Firstly, performance – every Saw^{37C} bandsaw has superior cutting abilities, making easy work of whatever each specific blade in the range is designed to tackle, leaving a precise, clean cut. Secondly, the carbides in every Saw^{37C} blade are finely and evenly dispersed during our heat treatment process resulting in teeth that are tougher and harder. That means dramatically improved wear and fatigue resistance resulting in noticeably longer blade life.

A Cut Above the Rest

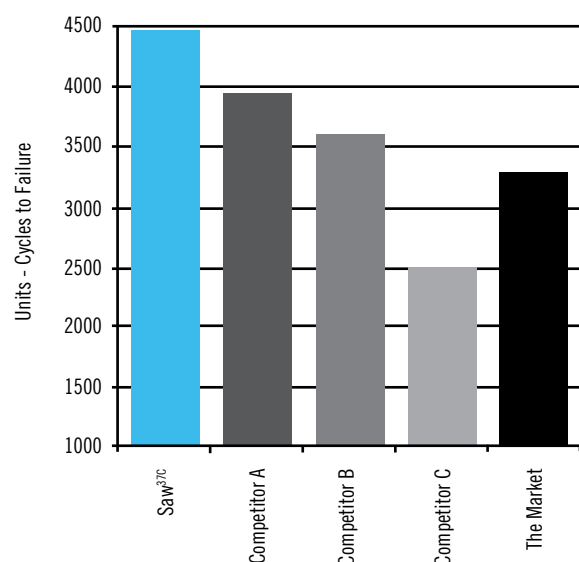
Longer life blades mean lower production costs, minimal downtime and longer production runs. The result? Increased productivity and profits – two key benefits for you and your business.

Everything that can possibly be done to extend the life, cutting power and precision of our blades has been done.

That's why the Saw^{37C} range is a collection of the highest quality and performing blades found anywhere in the world.

Want proof? We conducted "run-to-destruction" fatigue tests to expose any weaknesses in our blades. Compared to the other leading brands tested, Saw^{37C} blades outperformed them all proving Dakin-Flathers is a cut above the rest.

Fatigue Testing – Saw^{37C} vs. the Competition





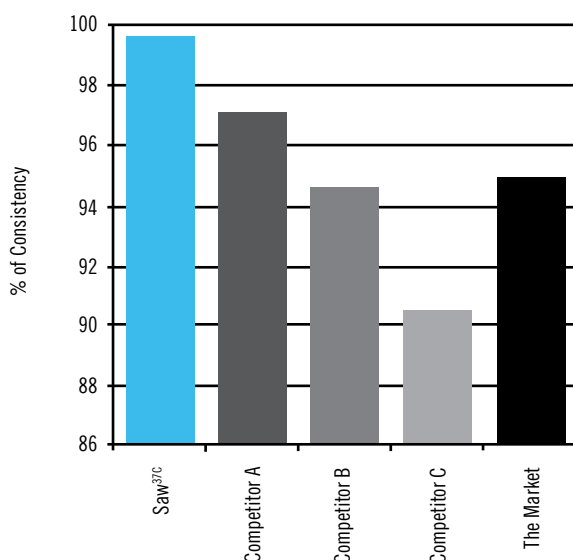
Reduced Waste with Accurate Precision Cutting

Uniform CNC Teeth Setting

For a blade to cut at maximum efficiency and accuracy, its teeth must be set with precise levels of uniformity. The slightest variation in the set of any one tooth can have a dramatic negative impact creating wider, erratic rough cuts, more waste and a compromised overall finish.

Amongst many things, one key differentiator between Dakin-Flathers blades and other leading, yet inferior blades is our unrivalled accuracy of set consistency.

Set Consistency – Saw^{37C} vs. the Competition



Our unique process guarantees the optimum degree of set on every Saw^{37C} blade. We can promise this as every blade passes through our rigorous quality checks at every step of the manufacturing process. This culminates in a range of bandsaw blades that straight out of the box cut straighter, harder and faster.

The facts speak for themselves. By comparing the standard set deviation from the specification of the Saw^{37C} range with three other leading brand blades, you can see from the graph to the left that we achieve 99.5% accuracy of perfectly aligned teeth. Meaning cleaner, more accurate cuts from every Dakin-Flathers Saw^{37C} bandsaw blade.

Saw^{37C} has Every Job Covered

One Extensive Range Cuts All

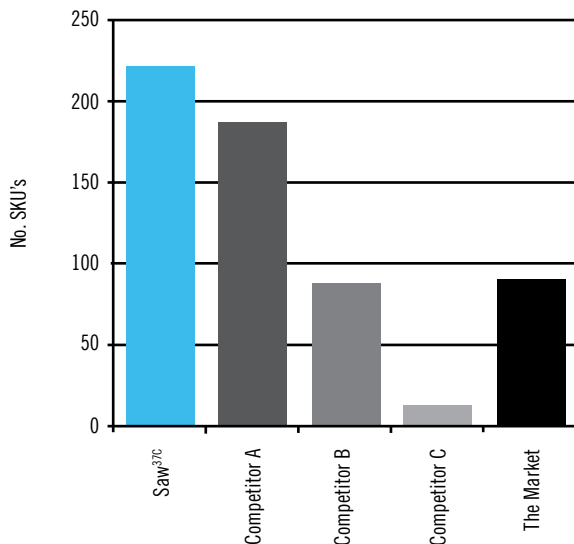
Saw^{37C} isn't a one-off single blade, it's an entire range that brings all these unique and valuable benefits to a huge number of your production processes.

Saw^{37C} has a wide range of different blades specifically developed to accurately and efficiently cut anything from wood and plastic right through to non-ferrous metals such as aluminium, copper and brass.

Specialist applications such as furniture production where high feed rates and output is crucial are covered with our thicker gauge 'Furnisaw' range. Incorporating not only thicker material but a variety of different options for tooth configurations and set patterns to maximize performance and productivity. A unique thin gauge material is also available for smaller machines with tighter wheel radii to help eliminate premature breakage.

Nothing else cuts it: Saw^{37C} is the world's largest range of carbon bandsaw capable of cutting the widest diversity of materials

Product Range – Saw^{37C} vs. the Competition



Take one look at the product range graph above and you'll see that Saw^{37C} is the widest range on the market. Great news for you as you don't get the hassle and inconvenience of dealing with multiple vendors as Dakin-Flathers can be your sole supplier. That makes us the world's go-to manufacturer for high performance carbon steel bandsaw.

Reliable and Consistent Quality Blade

Ultra Strong Welds

The weakest point of any blade is the weld that creates the loop. At Dakin-Flathers, to ensure the absolute integrity of this joint, we developed a unique factory welding process of our own. Designed to produce a blade with an ultra strong weld with optimum joint strength and improved alignment accuracy.

This factory process creates not only a highly flexible, but super-strong weld, it delivers impressive reliability for maximum operating efficiency.

Friendly Technical Support

When you call you are able to tap into the vast levels of experience that our team have, which includes troubleshooting specific issues that you may be having with your line, and developing solutions to problems.

You can use our technical resource to help ensure you get the best possible blade for your application and the best possible results with your blades.

Our Guarantee

Every Dakin-Flathers Saw^{37C} blade you buy is backed by our Gold Seal Guarantee. Quite simply, if you're not absolutely delighted with your blade, we will replace it or refund you in full.*

In Summary

The Saw^{37C} range encompasses everything you and your business demand from bandsaws, from heavy duty mass-production manufacturer to a lone precision hobbyist. No other carbon bandsaw manufacturer offers such a complete and versatile range. Saw^{37C} gives you...

- Superior cutting performance – *cleaner, straighter, accurate cuts*
- Comprehensive range of sizes – *always the correct blade for the job*
- Greater durability than leading rivals – *increased productivity*
- Maximum operating efficiency – *increases your profit*
- Reduced operating costs – *saves you money*
- Longer blade life – *less machine downtime*

*Subject to fair usage